

[#1](#). Python function that takes a list of words and return the longest word and the length of the longest one.

```
def lengthy_word(str):
    c=len(str[0])

    for i in str:
        if len(i)>c:
            c=len(i)
            print(i)

    return c
l=["python","datasciencewithpython","a","programming","language"].
lengthy_word(l)
```

[#2](#). Python function to remove the nth index character from a nonempty string.

```
def removing(n,str):
    str.pop(n)
    print(str)
    return
s=['a','b','c','d'].
removing(3,s)
```

[#3](#). Python function to get the last part of a string before a specified character.

```
def trim(n,str):
    a=str[n:].
    return a
s="programming"
index=int(input("enter an index of the character "))
print(trim(index,s))
```

[#4](#). Python function to sort a string lexicographically.

```
def srt(s):
    s.sort()
    return s
a=['abc','ghf','def','xyz','efg'].

print(srt(a))
```

[#5](#). Python function to remove spaces from a given string.

```
s1="python is a high level "
def rem_space(string):
    return string.replace(" ", "")
print(rem_space(s1))
```